

S/N Unknown**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Carter Moursund et al. Examiner: Unknown  
Serial No.: Unknown Group Art Unit: Unknown  
Filed: Herewith Docket: 1137U004US11  
Title: WIRELESS INFRARED NETWORK TRANSCEIVER AND METHODS AND  
SYSTEMS FOR OPERATING SAME

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**INFORMATION DISCLOSURE STATEMENT**

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In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.

INFORMATION DISCLOSURE STATEMENT

Serial No :Unknown

Filing Date: Herewith

Title: WIRELESS INFRARED NETWORK TRANSCEIVER AND METHODS AND SYSTEMS FOR OPERATING SAME

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

CARTER MOURSUND ET AL.

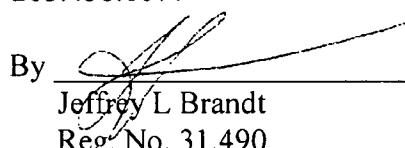
By their Representatives,

Jeffrey Brandt  
c/o PortfolioIP  
P.O. Box 52050  
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203.438.1077

Date

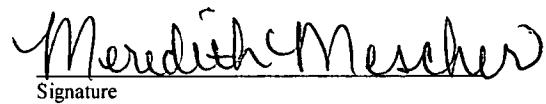
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By

  
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		Complete if Known	
		Application Number	DT05 Rec'd PCT/PTO 30 NOV 2004
		Filing Date	Even Date Herewith
		First Named Inventor	Moursund, Carter
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 1 of 2		Attorney Docket No: 1137U004USI1	

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-2002/0005972	01/17/2002	Bloom, Scott , et al.	
	US-2002/0051269	05/02/2002	Margalit, Shlomo , et al.	
	US-2002/0054411	05/09/2002	Heminger, Mark , et al.	
	US-2002/0054413 A1	05/09/2002	Shivnan, Aine	
	US-4,807,202	02/21/1989	Cherri, Allan , et al.	
	US-5,062,150	10/29/1991	Swanson, E. A., et al.	
	US-5,257,285	10/26/1993	Thorp, Stuart	
	US-5,257,405	10/26/1993	Reitberger, Peter	
	US-5,329,395	07/12/1994	Endo, K. , et al.	
	US-5,475,520	12/12/1995	Wissinger, A. B.	
	US-5,631,653	05/20/1997	Reedy, Robert	
	US-5,737,690	04/07/1998	Gutman, Jose	
	US-5,877,490	03/02/1999	Ramer, David , et al.	
	US-5,983,068	11/09/1999	Tomich, John , et al.	
	US-5,999,299	12/07/1999	Chan, Victor , et al.	
	US-6,049,593	04/11/2000	Acampora, Anthony	
	US-6,070,051	05/30/2000	Astrom, Richard , et al.	
	US-6,104,981	08/15/2000	Louis, Christian , et al.	
	US-6,297,897	10/02/2001	Czichy, R. , et al.	
	US-6,314,163	11/06/2001	Acampora, Anthony	
	US-6,323,980	11/27/2001	Bloom, Scott	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
	GB-2111270	06/29/1983	Smythe, George , et al.		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		JUNGNICKEL, V. , et al., "Wireless Infrared Communication using Adaptive Arrays", 4th ACTS Mobile Summit, Vol. 2, Sorrento, Italy, (1998), 979-984	
		PAKRAVAN, M.R. , et al., "Indoor Wireless Infrared Channel Characterization by	

EXAMINER /Shi K. Li/ DATE CONSIDERED 08/05/2008

Substitute Disclosure Statement Form (PTO-1449)  
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicable where citation designation number (optional). Applicant is to place a checkmark where English language translation is attached.

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STATEMENT BY APPLICANT**  
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Complete if Known

Application Number	Unknown
Filing Date	Even Date Herewith
First Named Inventor	Moursund, Carter
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 1137U004USI1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Measurements", IEEE Transaction, Vol. 50, Issue 4, (July 2001),1053-1073	
		YOON, T. , et al., "622 Mbit/s CMOS limiting amplifier with 40dB dynamic range", Electronics Letters, Vol. 32, No. 20, (9/26/1996),1920-1922	

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